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Claims

1. A spring doctor, particularly for use for cleaning the rolls (2) of a paper machine during operation and including a blade (8) that is essentially the width of the roll (2) being cleaned, and which is attached to a blade holder (1), and operating means (for example, 6, 7) for creating the desired pressure of the doctor blade against the roll, **characterized in that** the blade (8) is manufactured from a composite material formed of a matrix and a reinforcement, in which the reinforcement is formed of a fibrous material and that, in the operating situation, the blade is convex in the direction outwards from the roll (2).
2. A spring doctor according to Claim 1, **characterized in that** the blade holder (1) is pivoted around a shaft pin (4), to be able to be rotated to at least a limited extent.
3. A spring doctor according to Claim 1, **characterized in that** if desired, the doctor blade (8) has, at a distance from its point, particularly a plate-like dirt protector (13).
4. A spring doctor according to Claim 1, **characterized in that** the blade (8) has, in the immediate vicinity of the attachment location of the blade holder, a bend (12), curve, or other similar shape.
5. A spring doctor according to any of the above Claims, **characterized in that** the blade (8) is a combination of a curved portion and essentially straight portion.
6. A spring doctor according to any of the above Claims, **characterized in that** the thickness of the blade (8) varies over its length.
7. A spring doctor according to Claim 7, **characterized in that** the blade (8) thins towards its point.

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8. A spring doctor according to Claim 1, characterized in that the number or orientation of the reinforcing fibres of the composite material of the blade (8) vary in different parts of the blade.